

CLAIMS

1. A liquid absorbing sheet comprising a liquid-absorbing resin layer, wherein the liquid-absorbing resin layer is obtained by irradiating a monomer composition with an energy ray to polymerize the monomer composition, the monomer composition containing a monofunctional monomer component (A) comprising a polyethylene glycol acrylate monomer and an amide bond-containing acrylic monomer; and a polyfunctional monomer component (B).

2. The liquid absorbing sheet according to claim 1, wherein the polyethylene glycol acrylate monomer is phenoxypolyethylene glycol acrylate or methoxypolyethylene glycol acrylate.

3. The liquid absorbing sheet according to claim 1, wherein the amide bond-containing acrylic monomer is acryloylmorpholine or N,N-diethylacrylamide.

4. The liquid absorbing sheet according to any one of claims 1 to 3, wherein the liquid-absorbing resin layer is formed over a substrate.

5. The liquid absorbing sheet according to claim 4, wherein the substrate is capable of absorbing and retaining a nonaqueous electrolyte solution.

6. A nonaqueous electrolyte battery pack comprising a nonaqueous electrolyte battery cell, a circuit board, an electrolyte-absorbing element for absorbing an electrolyte solution in the event of electrolyte leakage from the nonaqueous electrolyte battery cell, and a battery case encasing the battery cell, the circuit board and the electrolyte-absorbing element, wherein the electrolyte-absorbing element is formed of the liquid absorbing sheet according to any one of claims 1 to 5.